



HIV/AIDS, STD & TB Prevention MICHIGAN

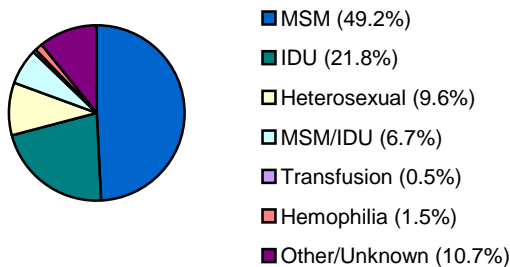
HIV/AIDS Epidemic

Michigan reported 13,631 cumulative AIDS cases to CDC as of December 2004.

Reported AIDS Cases Among Adults and Adolescents by Transmission Category, Cumulative through 2004

N = 13,521

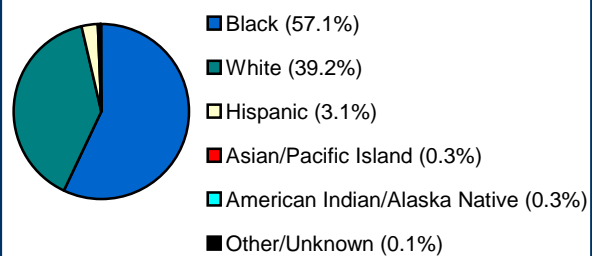
SOURCE: CDC 11/2005



Reported AIDS Cases by Race/Ethnicity, Cumulative through 2004

N = 13,631

SOURCE: CDC 11/2005



Sexually Transmitted Diseases (STDs)

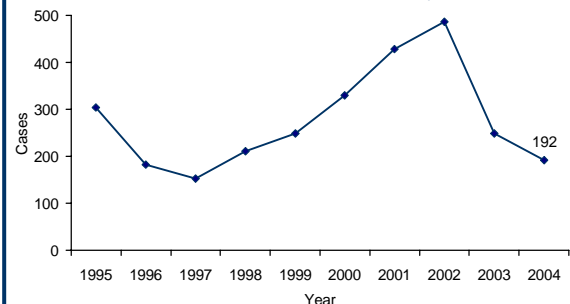
Syphilis

Primary and secondary (P&S) syphilis (the stages when syphilis is most infectious) remains a problem in the southern U.S. and in some urban areas. In Michigan, the rate of P&S syphilis decreased by 39% from 1995-2004.

- Michigan ranked 19th among the 50 states with 1.9 cases of P&S syphilis per 100,000 persons.
- The number of congenital syphilis cases decreased from 28 in 1995 to 23 in 2004.

P&S Syphilis Cases in Michigan, 1995-2004

SOURCE: CDC, 2004 STD Surveillance Report



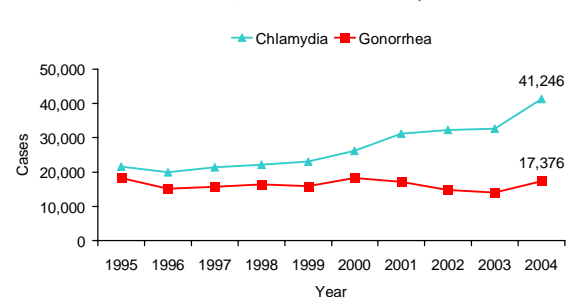
Chlamydia and Gonorrhea

Chlamydial and gonorrheal infections in women are usually asymptomatic and often go undiagnosed. Untreated, these infections can lead to pelvic inflammatory disease, which can cause tubal infertility, ectopic pregnancy and chronic pelvic pain.

- Michigan ranked 7th among the 50 states in chlamydial infections (409.2 per 100,000 persons) and 8th in the rate of gonorrhea infections (172.4 per 100,000 persons).
- The rate of chlamydia among Michigan women (636.2 cases per 100,000 females) was 3.7 times greater than the rate among Michigan men (174.1 cases per 100,000 males).

Chlamydia and Gonorrhea Cases in Michigan, 1995-2004

SOURCE: CDC, 2004 STD Surveillance Report

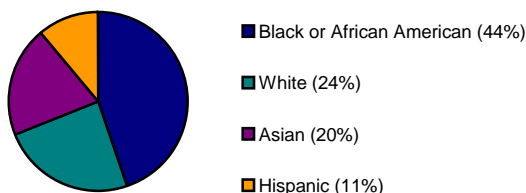


Tuberculosis

Michigan TB Cases by Race/Ethnicity, 2004

*N = 273

SOURCE: CDC, 2004 TB Surveillance Report



*Percentage totals may be greater or less than 100 due to rounding or missing data.

Although the overall rate of tuberculosis (TB) in the United States has declined substantially since 1992, the rates of decrease among foreign-born persons have been much smaller than those for U.S.-born persons. In addition, the proportion of TB cases diagnosed in persons born outside the United States has continued to increase.

In 2004, Michigan reported:

- The 31st highest rate of TB in the U.S.
- About 38% of TB cases occurred in foreign-born persons.

Program Initiatives Supported by CDC

HIV/AIDS

Men of Color Motivational Group, Inc. is a community-based organization (CBO) whose goal is to reduce the incidence of HIV/AIDS by providing education and intervention programs targeting high risk behaviors of African-American men who have sex with men in the Detroit metropolitan area. The program provides risk reduction education, health education, and prevention case management.

STDs

The state program has developed several communication tools to disseminate syphilis elimination information to communities. In March, 2004, the annual syphilis trend brochure, *Syphilis In Metro Area Detroit 2003* was mailed to CBOs, faith-based organizations (FBOs), and AIDS service organizations (ASOs). The *STD Provider Report* was mailed to all medical providers serving the City of Detroit, Hamtramck, Harper Woods, Highland Park, and the Grosse Pointe areas. The program will continue to update and distribute this report to CBOs, FBOs, ASOs, and medical providers to keep them informed about syphilis prevention and treatment.

National Center for HIV, STD & TB Prevention Funding to Michigan, 2005 (US\$)

HIV/AIDS	\$10,536,851
STDs	\$3,167,751
TB	\$1,258,790

TB

The Michigan Department of Community Health Bureau of Laboratories, along with California Department of Health Services Microbial Diseases Lab, contracts with the CDC to provide for molecular characterization of *Mycobacterium tuberculosis* isolates from across the nation. The five-year award from the CDC allows state TB control programs to use sophisticated molecular testing like spoligotyping, MIRU pattern, and IS6110 RFLP to assess epidemiologic links between cases and to rule out potential laboratory cross-contamination. This project may allow for the sharing of TB genotyping patterns across state lines in a manner similar to PulseNet, a national system for tracking foodborne disease outbreaks.

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